

WHAT IS CLAIMED IS:

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1. A power supply cable comprising:

at least one electric wire having a single  
line conductive material and an insulating material  
covering said conductive material; and

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an elongated holding member holding said  
electric wire, the holding member being elastically  
deformable in accordance with a relative movement of  
opposite ends of said electric wire.

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2. The power supply cable as claimed in claim  
1, wherein said holding member comprises:

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a plate part formed of a flexible sheet  
material; and

at least one engaging part attaching said  
electric wire to said plate part.

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3. The power supply cable as claimed in claim 2, wherein said engaging part is integrally formed with said plate part.

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4. The power supply cable as claimed in claim 2, wherein said holding member further comprises a mounting part configured to be fixed in the vicinity of a terminal to which an end of said electric wire is connected.

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5. The power supply cable as claimed in claim 4, wherein said mounting part is integrally formed with said plate part.

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6. The power supply cable as claimed in claim 1, further comprising a flexible protective member

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attached to said holding member so as to cover said electric wire.

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7. An image reading apparatus reading an image formed on an original sheet, the image reading apparatus comprising:

10 a contact glass having a first surface on which the original sheet is placed;

a light source movable along a second surface of said contact glass opposite to said first surface, said light source projecting a light toward the original  
15 sheet placed on said first surface of said contact glass;

an optical system guiding the light reflected by said original sheet;

a reading part reading the image on said  
20 original sheet by receiving the light guided by said optical system;

a power supply terminal supplying an electric power to each part; and

a power supply cable comprising:

25 at least one electric wire having a single

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line conductive material and an insulating material covering said conductive material; and

an elongated holding member holding said electric wire, the holding member being elastically deformable in accordance with a relative movement of opposite ends of said electric wire.

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8. The image reading apparatus as claimed in claim 7, wherein said holding member comprises:

a plate part formed of a flexible sheet material; and

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at least one engaging part attaching said electric wire to said plate part.

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9. The image reading apparatus as claimed in claim 8, wherein said engaging part is integrally formed with said plate part.

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10. The image reading apparatus as claimed in  
claim 8, wherein said holding member further comprises a  
mounting part configured to be fixed in the vicinity of  
a terminal to which an end of said electric wire is  
5 connected.

10 11. The image reading apparatus as claimed in  
claim 10, wherein said mounting part is integrally  
formed with said plate part.

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12. The image reading apparatus as claimed in  
claim 7, further comprising a flexible protective member  
attached to said holding member so as to cover said  
20 electric wire.

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